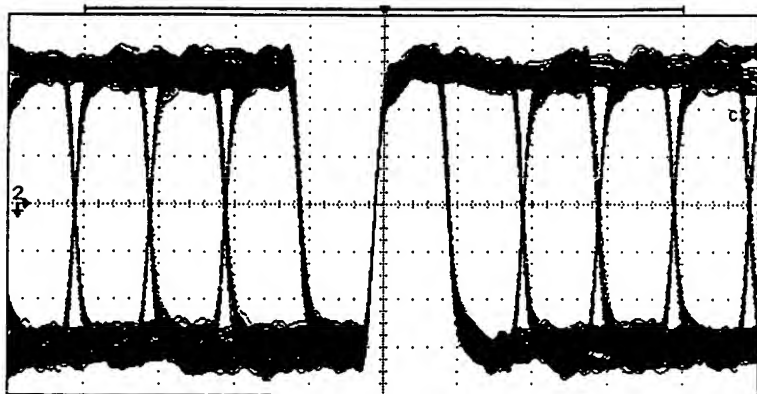




**FIG. 1**

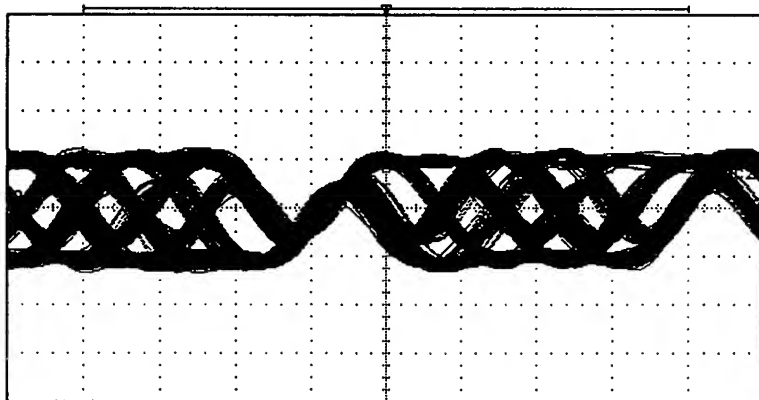


**FIG. 2**



-24.000 ns    1.000 ns    26.000 ns  
 5.00 ns/div    Real time  
 2    200 mV/  
 0.00000 V  
 RECEIVER SIGNAL FROM BERT 200

**FIG. 3**



-4.000 ns    1.000 ns    6.000 ns  
 1.00 ns/div    Real time  
 2    500 mV/  
 0.00000 V  
 RECEIVER SIGNAL FROM BERT 200

**FIG. 4**

# TRANSMITTER (STATION A)

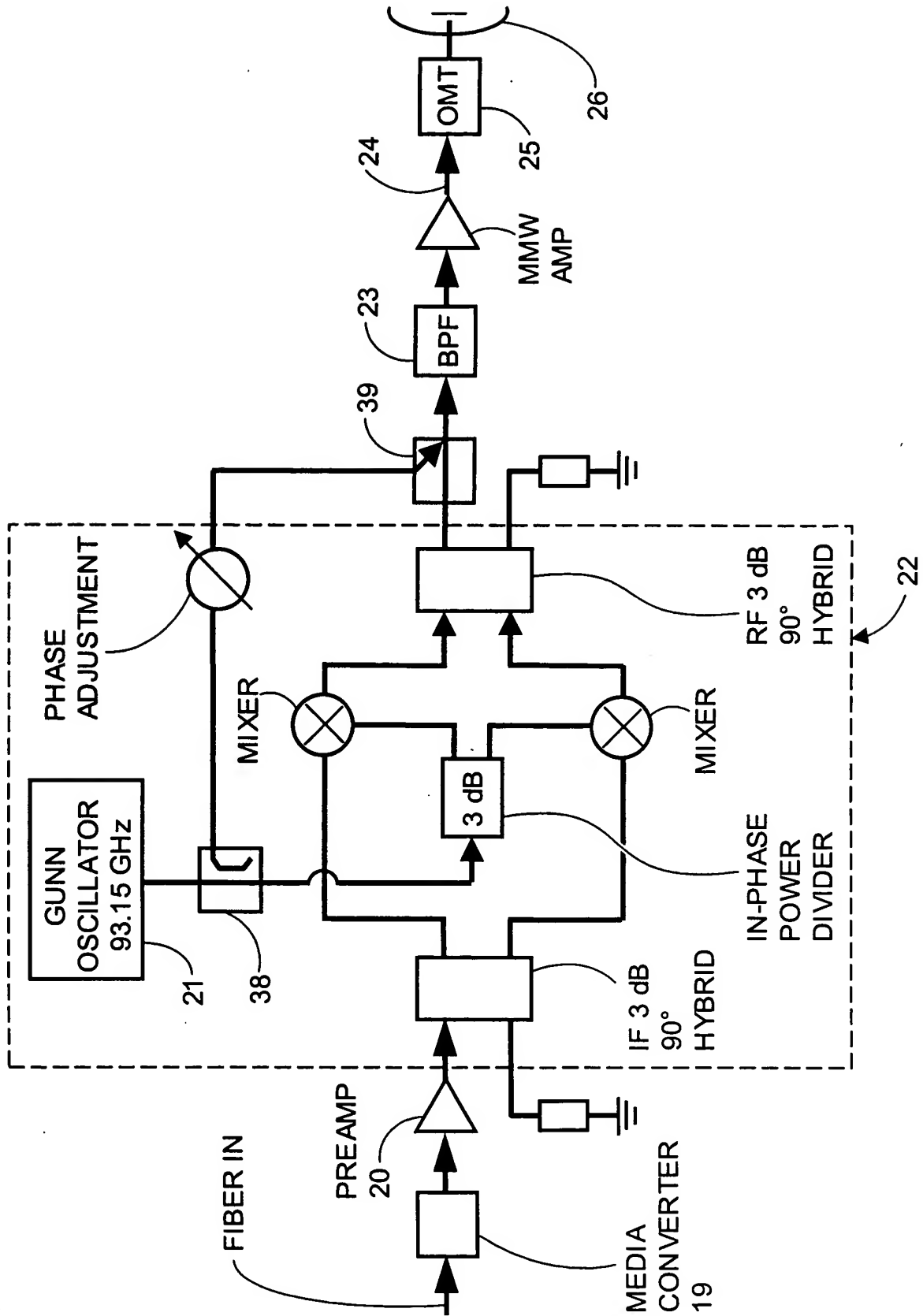


FIG. 5A

FIG. 5B2 is a block diagram of a microwave receiver system. The system includes a Gunn oscillator (21) at 93.15 GHz, an OMT (26), MMW BPF (28A), MMW amp (29), BPF (28B), mixer (30), IF amp (36), IF BPF, AGC (36), and a power detector (35). The output is labeled "CONTINUED ON FIG. 5B2".

**FIG. 5B1**

CONTINUED  
FROM FIG. 5B1

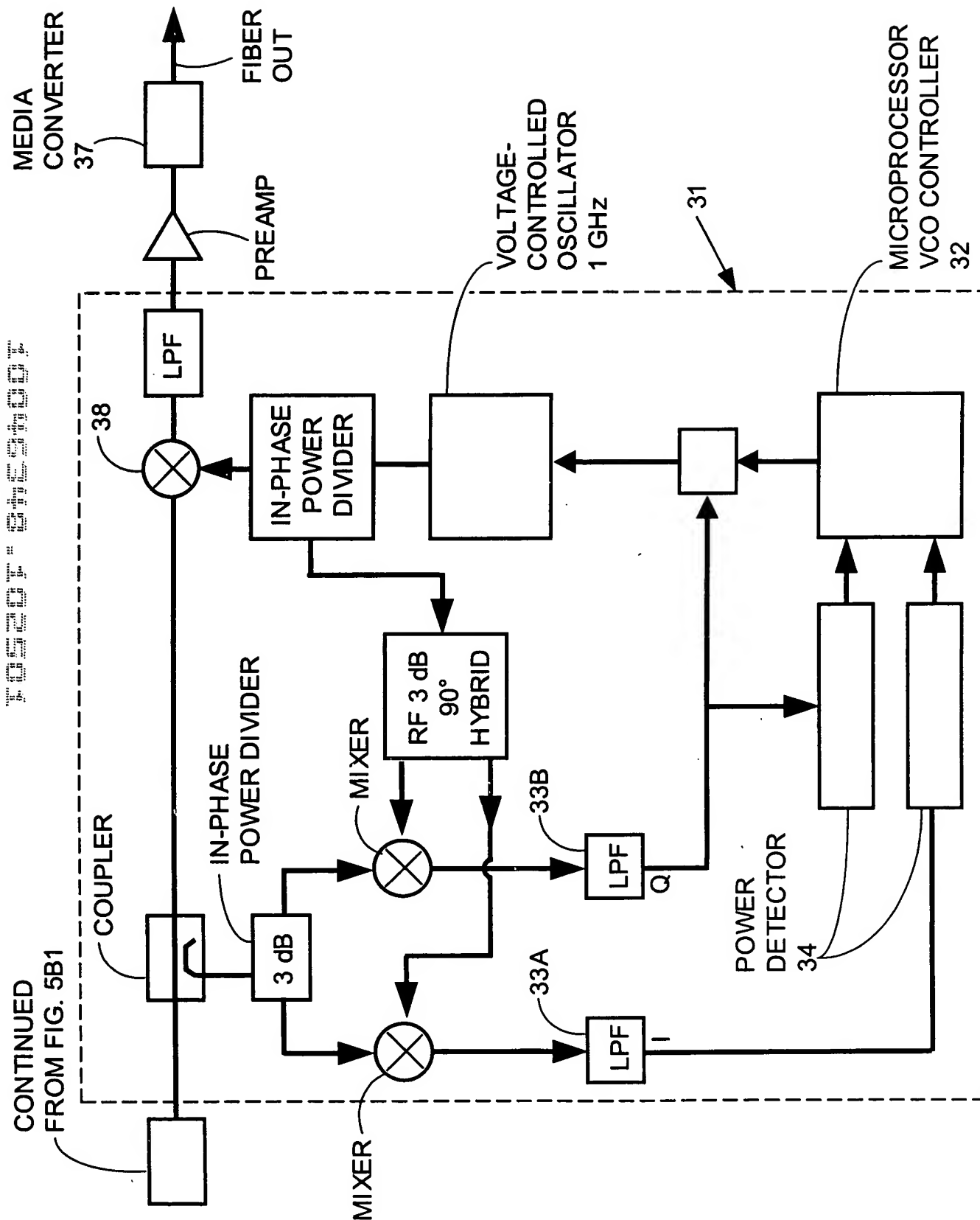


FIG. 5B2

TRANSMITTER (STATION B)

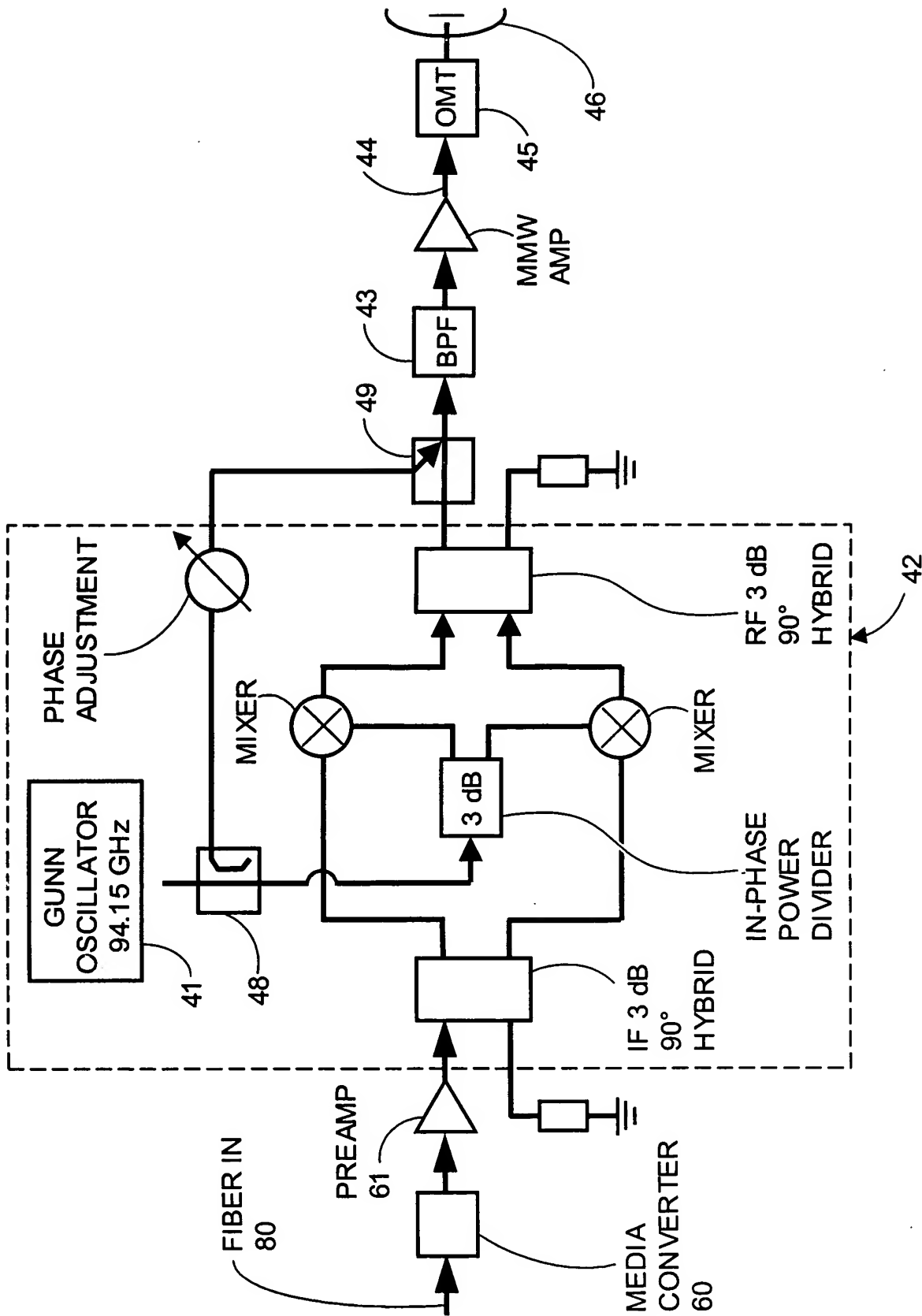


FIG. 6A

## RECEIVER (STATION B)



**FIG. 6B1**

FIG. 6B1

CONTINUED FROM FIG.

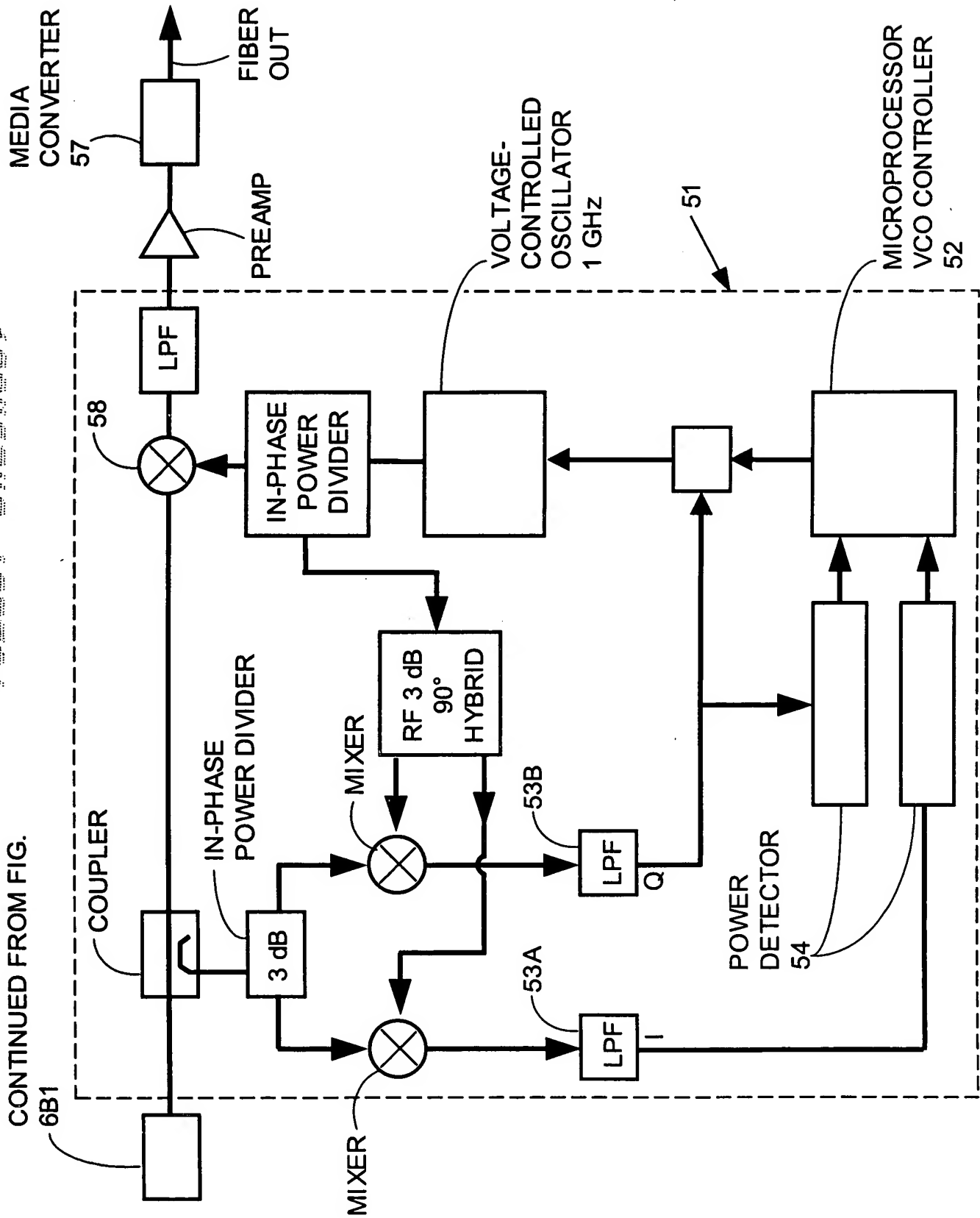


FIG. 6B2

# SPECTRUM PLANNING DIAGRAMS (STATION A)

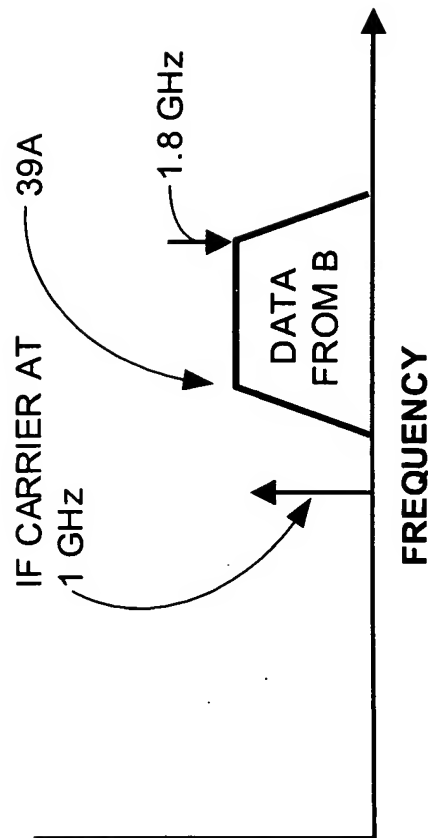
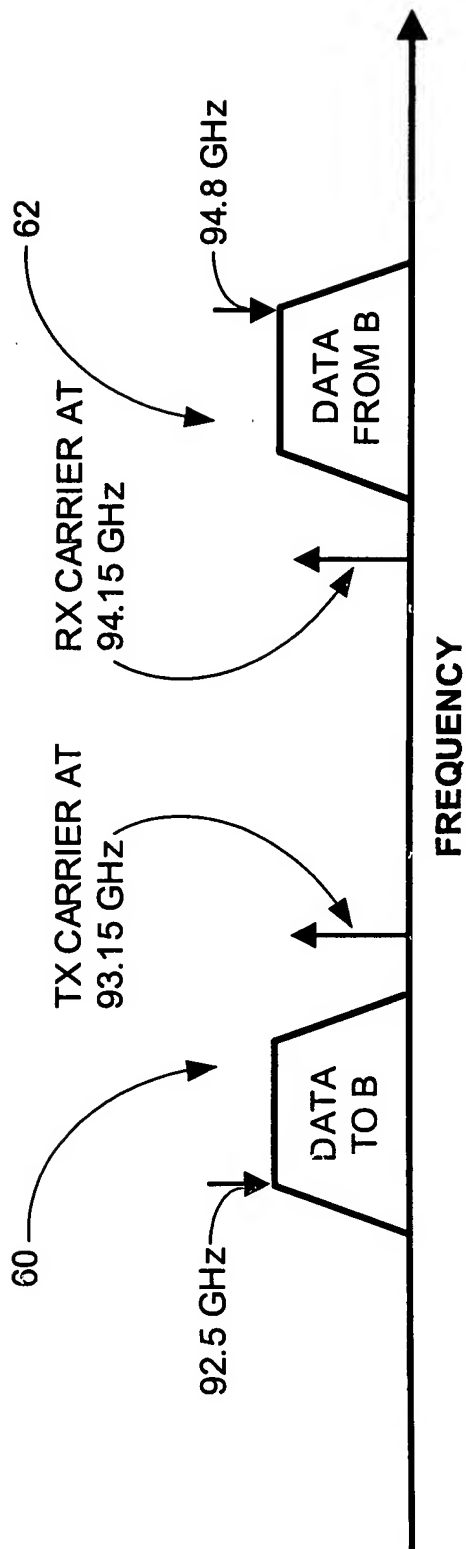


FIG. 7A

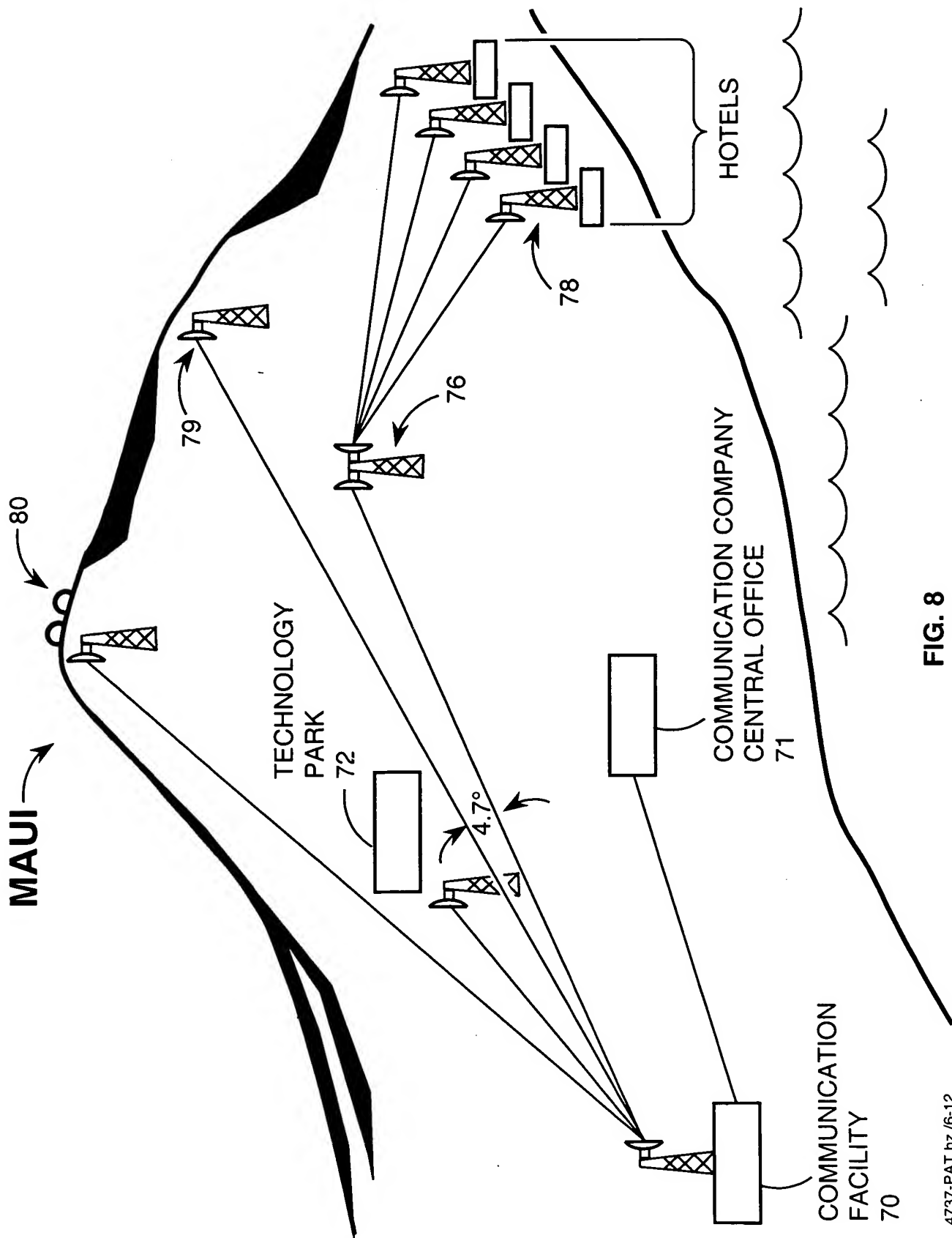


FIG. 8

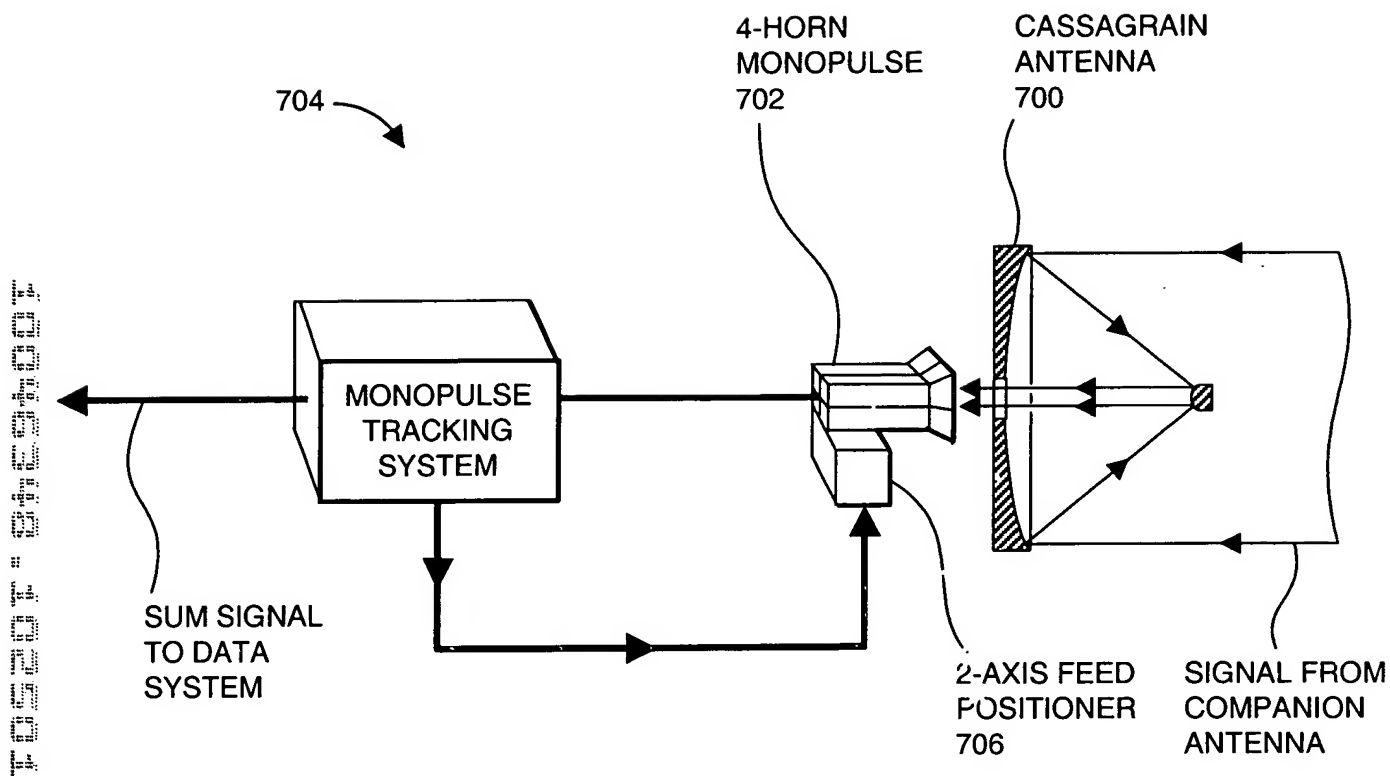


FIG. 9

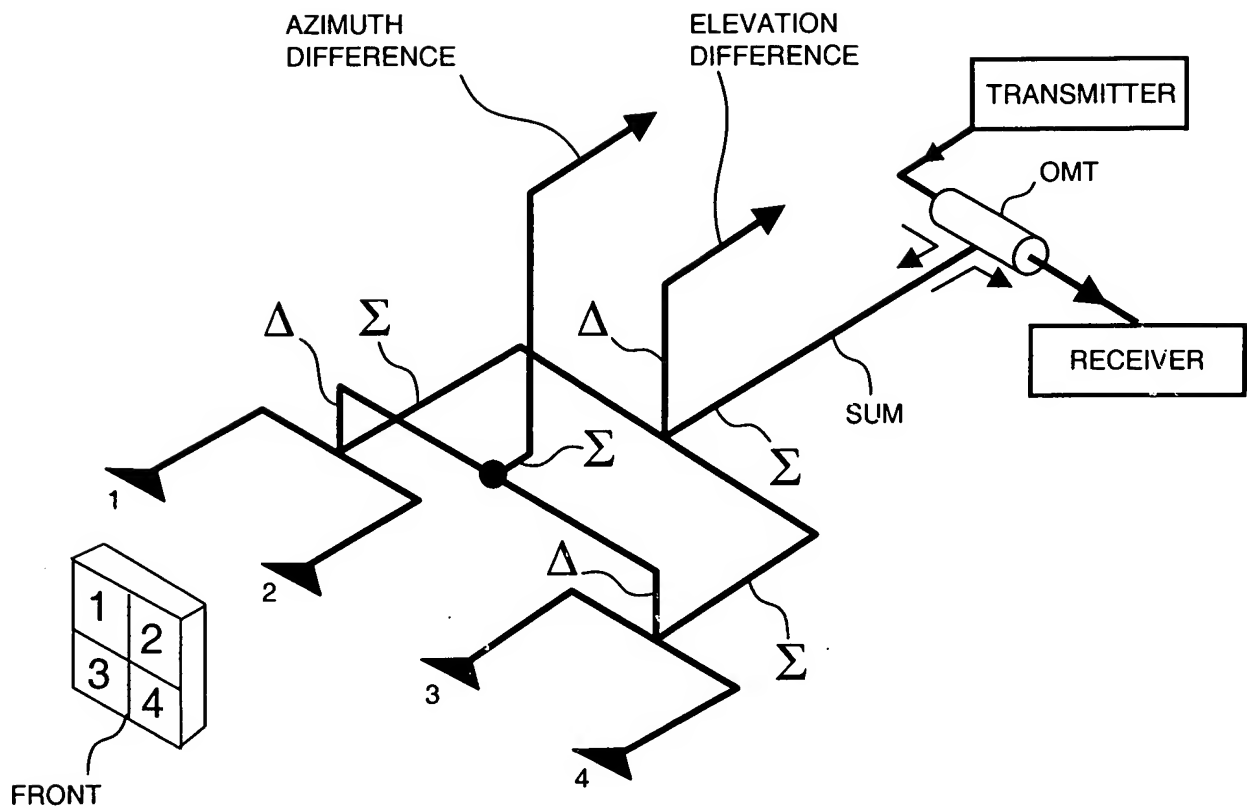


FIG. 10

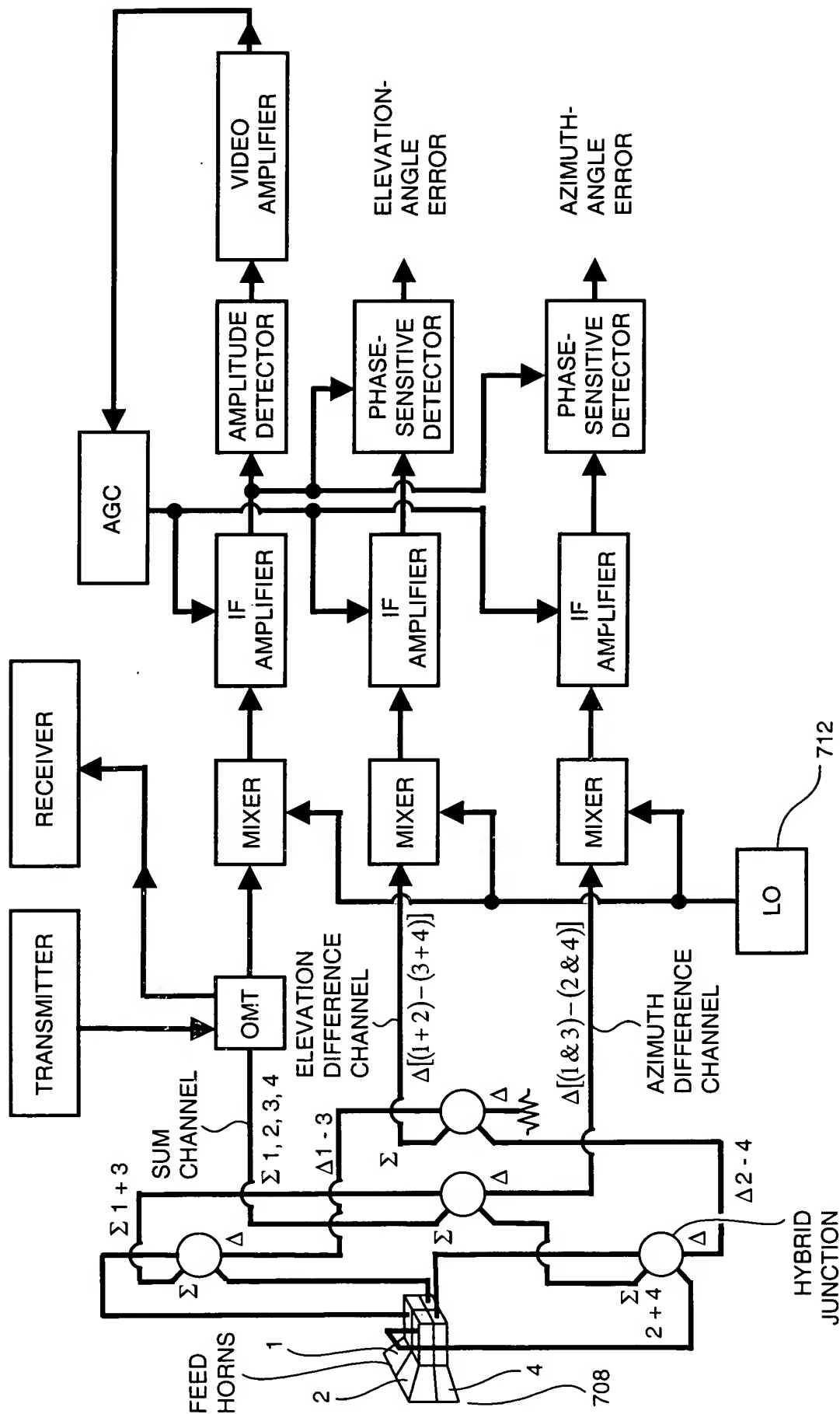


FIG. 11